



SUBSTITUTE SPECIFICATION – CLEAN VERSION

COMBINATION WALL SUPPORT FOR A TELEVISION SET AND RELATED APPLIANCES

Background of the Invention

5 The present invention is a new structural arrangement for a combination wall support for television set and for other related appliances. The structure provides a safe support for a television set, and a video-cassette recorder, or a DVD device, or some other related appliance.

10 As it is generally known, the installation of a television set and other appliances in residences, offices, commercial establishments, consultation rooms and other places, requires a means to support them in a certain place and a suitable position. However, most times bookcases and tables are used in dimensions which may be higher than those required to accommodate such appliances, with the result that they occupy more space than is necessary.

15 Another possible arrangement for a television and a related appliance is by using wall supports. However, most current models have a structure which is complex both in its assembly and handling, and which requires greater efforts to use them on the part of the user.

Summary of the Invention

20 In view of above-mentioned shortcomings, a structural arrangement comprising a wall support for a television set and a related appliance has been developed to facilitate the installation of a television set and another appliance.

Thus, an object of the present invention is to provide a combination wall support for television set and another appliance which is provided with lateral structures which have two front support arms, thereby permitting a safe and quick means to accommodate television sets and other appliances.

5 The use of lateral structures facilitates the manufacture of the support, as a lesser number of components is required to perform the same function, thereby optimizing production and reducing the time needed to manufacture the support, providing a consequent reduction in costs.

10 Thus, the object of the present invention is to provide a wall support which promotes safety and speed of installation of television sets and other appliances.

Brief Description of the Drawings

The wall support of this invention will be described in detail with reference to drawings listed below, in which:

Figure 1 is a perspective view of a first embodiment of the invention;

15 Figure 2 is a side view of the embodiment of figure 1, as indicated by arrow A;

Figure 3 is a perspective view of a second embodiment of the invention; and

Figure 4 is a side view of the embodiment of figure 3, as indicated by arrow B.

Detailed Description of the Preferred Embodiments

20 According to figures 1 and 2, the wall support of this invention, indicated by the numerical reference 1, has a horizontal tubular arm 2, of rectangular cross-section, in whose frontal end an intermediate structure 3 is fastened. The intermediate structure is secured atop the tubular arm by a bolt that extends from the top. The tubular arm contains an adjusting handle 3a over which two tubular structures of the same length 4 are fastened in

parallel to one another and perpendicularly to the horizontal tubular arm. The parallel tubular structures have tubular extenders 5 in their ends, incorporating fitting parts 6.

Over the two tubular extenders 5, two blades 4a are fastened, which provide a better stability to the two tubular structures 4, with tubular extenders 5 and fitting parts 6, in
5 addition to providing a more effective support for devices placed on said structures.

Connected to the ends of tubular structures 4, through tubular extenders 5 and fitting parts 6, there are side panels 7. The profile of these side panels is semicircular 7a in the upper portion, and in side arcs 7b and bottom arc 7c. Circular openings 7d, of different diameters, are distributed along the side panel surfaces 7,

10 Vertical supports 8 are fastened to outer faces of side panels 7. Each vertical support protrudes ahead of the side panel to which it is fastened, and has a top end 8a that is bent at a right angle inwards the relevant support. Plastic tips 8b provide a smooth finish to final portions of top ends 8a.

These vertical supports 8 provide for the safe installation of devices mounted on
15 said wall support, and top ends 8a are positioned to come into contact with frontal areas of devices to be installed, in order to hold them rigidly in their positions.

Beneath the horizontal tubular arm 2, there is a bottom support 9, having laterally adjustable lateral ends 9a, and L- shaped supports 10, whose upper portions form semicircular profiles 10a.

20 L- shaped supports 10 are fastened to lateral ends 9a of the bottom support 9, through tightening brackets 11 that can adjust the vertical distance between the L-supports and bottom support 9.

At the back end of horizontal tubular arm 2, a fixed base 12 is fastened, which has holes thorough which the bolts used to fasten the support to the wall will pass.

Figures 3 and 4 depict another embodiment of the invention having vertical supports 8', which in turn have a disc 14 in each of their top ends. Each disc 14, which
5 incorporates a tightening handle 15, also supports a forked structure 16 whose upper ends 16a, are bent at a right angle, and turned inwardly toward the relevant support. Those ends 16a provide stability at the time of installation of the equipment to be placed in said support, since sector 16a' of end 16a, touches the frontal face of the device to be installed, while sector 16a", also of end 16a, touches the top face of said device. Plastic tips 16b
10 provide a smooth finish to portions of top ends 16a.

Other elements of Figures 3 and 4 are blades 4a', which are assembled on the two tubular structures 4, and whose frontal ends are bent upwards, in right angle, thereby forming stretches 4a", and are covered with a protective plastic cover P, thereby providing an additional reinforcement, when stretches 4a" contact the bottom portion of the device to
15 be installed on said wall support.

A protecting cover 12' covers the fixed base 12' of the embodiment of Figures 3 and 4, and completes the series of improvements shown in this embodiment and, indicated by the numerical reference 13. As shown in Figures 3 and 4, the present wall support for a television set presents an aesthetic appearance which results in an excellent visual balance.